



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Christopher M. Goggin

Filed: December 6, 2003

Serial No.: 10/730,157

For: A RANGING AND WARNING DEVICE USING EMITTED AND
REFLECTED WAVE ENERGY


December 16, 2003

Commissioner of Patents
P.O.Box 1450
Arlington, VA 22131-1450

Dear Sir or Madam:

Enclosed is an Information Disclosure Statement, PTO Form 1449, and copies of 24 references to be filed in the above entitled patent application. Also enclosed is a Return Receipt postcard and a Certificate of Service by regular mail. Please stamp the Return Receipt postcard showing date received and return it to me. If anything further is required from me, please notify me immediately.

Very truly yours,


Michael E. Mauney
Attorney at Law

MEM/bmw
Enclosures



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P.O.Box 1450
Arlington, VA 22313-1450

December 16, 2003

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with 37 C.F.R. 1.56, Applicant wishes to call to the attention of the examiner the following references:

<u>COUNTRY</u>	<u>PATENT #</u>	<u>APPLICANT</u>	<u>FILING DATE</u>
United States	Pub. 0024171 A1	Nishimura	03-01-01
United States	6,339,369	Paranjpe	09-23-98
United States	6,014,601	Gustafson	01-07-97
United States	5,974,348	Rocks	12-13-96
United States	5,631,639	Hibino et al.	04-20-95
United States	5,598,164	Reppas et al.	08-09-93
United States	5,367,458	Roberts et al.	08-10-93
United States	5,264,709	Kamimura et al.	12-14-92
United States	5,255,195	Mochizuki et al.	01-23-92
United States	5,243,430	Emmons	07-24-91
United States	5,165,064	Mattaboni	03-22-91
United States	4,833,469	David	08-03-87
United States	4,796,198	Boultinghouse et al.	10-17-86
United States	4,727,492	Reeve et al.	02-29-84
United States	4,706,195	Yoshino et al.	06-12-85
United States	4,700,301	Dyke	03-07-86
United States	4,477,184	Endo	01-18-80
United States	4,328,545	Halsall et al.	08-01-79
United States	4,119,900	Kremnitz	06-16-76
United States	4,099,591	Carr	09-02-76
United States	3,898,652	Rashid	12-26-73
United States	3,891,966	Sztankay	08-08-74
United States	3,687,556	Price et al.	09-18-70
United States	3,365,572	Strauss	08-06-65

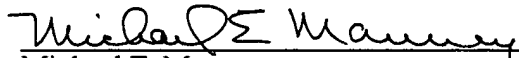
Commissioner for Patents
(Re: Goggin application)
December 16, 2003
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Copies of these references are submitted herewith along with the PTO Form 1449. The Paranjpe U.S. Patent #6,339,369 was discussed at page 2 of the Application. The Nishimura Patent Publication 001/0024171A1 was discussed at page 2 of the Application. The Rashid U.S. Patent #3,898,652 was discussed at page 2 of the Application. The Gustafson U.S. Patent #6,014,601 was discussed at page 2 of the Application. The remaining references are believed to be cumulative or of less relevance to the Application than the references discussed in the Application.

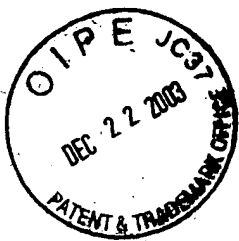
It is believed the above references, either taken alone or in combination, neither anticipate nor render obvious the current application. Consideration of the foregoing is respectfully requested.

Respectfully submitted,

This the 16 day of Dec, 2003.



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Registration #33,731



CERTIFICATE OF SERVICE

I, Michael E. Mauney, do hereby certify that a copy of the foregoing Information Disclosure Statement, PTO Form 1449, and Patents in:

In re Application of: Christopher M. Goggin

Filed: December 6, 2003

Serial No.: 10/730,157

For: A RANGING AND WARNING DEVICE USING EMITTED AND
REFLECTED WAVE ENERGY

has this day been duly served upon:

Commissioner of Patents
P.O.Box 1450
Arlington, VA 22313-1450

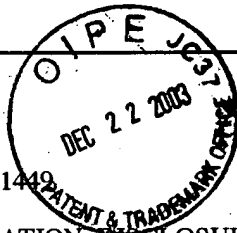
Said service was made in the following manner:

- () By handing such copy to the aforementioned attorney, or by leaving said copy at the above mentioned attorney's office with a partner or employee of his office.
- (x) By depositing a copy of the aforementioned document(s) enclosed in a prepaid first class addressed envelope in the U. S. Mail.

This the 16 day of December, 2003.



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PTO Form 1449

INFORMATION DISCLOSURE CITATION

IN AN APPLICATION

(Use several sheets if necessary)

Page 1 of 1

Control Number

Application Number

Applicant

Christopher M. Goggin

Filing Date

Group Art Unit

U. S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date if appropriate
	Pub. 0024171 A1	09-27-01	Nishimura	342	70	03-01-01
	6,339,369	01-15-02	Paranjpe	340	436	09-23-98
	6,014,601	01-11-00	Gustafson	701	45	01-07-97
	5,974,348	10-26-99	Rocks	701	28	12-13-96
	5,631,639	05-20-97	Hibino et al.	340	903	04-20-95
	5,598,164	01-28-97	Reppas et al.	342	70	08-09-93
	5,367,458	11-22-94	Roberts et al.	364	424.02	08-10-93
	5,264,709	11-23-93	Kamimura et al.	250	561	12-14-92
	5,255,195	10-19-93	Mochizuki et al.	364	449	01-23-92
	5,243,430	09-07-93	Emmons	358	194.1	07-24-91
	5,165,064	11-17-92	Mattaboni	356	152	03-22-91
	4,833,469	05-23-89	David	340	901	08-03-87
	4,796,198	01-03-89	Boultinghouse et al.	364	513	10-17-86
	4,727,492	02-23-88	Reeve et al.	364	424	02-29-84
	4,706,195	11-10-87	Yoshino et al.	364	426	06-12-85
	4,700,301	10-13-87	Dyke	364	424	03-07-86
	4,477,184	10-16-84	Endo	356	141	01-18-80
	4,328,545	05-04-82	Halsall et al.	364	424	08-01-79
	4,119,900	10-10-78	Kremnitz	318	587	06-16-76
	4,099,591	07-11-78	Carr	180	98	09-02-76
	3,898,652	08-05-75	Rashid	343	6 R	12-26-73
	3,891,966	06-24-75	Sztankay	340	53	08-08-74
	3,687,556	08-29-72	Price et al.	356	152	09-18-70
	3,365,572	01-23-68	Strauss	246	167	08-06-65

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation Y N

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)

Examiner

Date Considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.